

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A method, executed in a computer server system of an electronic market, for managing quotes for a security, the method comprising:
receiving by the server computer system from client systems used by market participants, quotes, the quotes including fields to indicate whether the quote is to bid or offer a security, a first size value that indicates a displayable, attributable size amount of the quote and a second size value that indicates an additional aggregate quote[[s]] size, the additional aggregate quotes having a size value with the additional aggregate quotes being quotes that [[are]] is displayable on displays of client systems, as trading interest in a security, but not [[being]] attributable to any market participant.

2. (Currently Amended) The method of claim 1 ~~wherein receiving~~ further comprises:
~~receiving~~, calculating by the server computer system, a total size of quotes at a particular price level, by:

determining a total displayable, non-attributable size of the quotes received from client systems used by market participants that are displayable quotes; and
sending a message to render user interfaces render on displays of client systems, the portion of the received quotes having the first size value as attributable size amounts of the quotes of [[to]] corresponding ones of the market participants.

3. (Currently Amended) The method of claim 1 ~~wherein receiving~~ further comprises:

receiving, by the server computer system, quotes from client systems that are reserve quotes, which are neither displayable quotes nor attributable to market participants, but are available as trading liquidity in the security.

4. (Currently Amended) The method of claim 2 further comprising:

~~determining, sending~~ by the server computer system, a message to display the total displayable, non-attributable aggregate quote sizes as [[of]] displayable quotes without displaying identifications of the market participants from which the non-attributable quote sizes were received from market participants.

5. (Currently Amended) The method of claim 4 wherein ~~calculating~~ determining total aggregate quote size comprises:

determining, by the server computer system, the total aggregate quote sizes by adding the first and second size values for the received quotes and additional aggregate quotes received for the security at each of a plurality of corresponding price levels to provide the total aggregate displayable quote sizes [[at]] for each of the corresponding price levels;

~~causing displaying, on~~ displays of client systems to render in a user interface the total of displayable attributable quote[[s]] sizes in a first region of as separate entries for both bid and offer for each of a plurality of different price levels provided in an advertisement portion of a quote montage.

6. (Previously Presented) The method of claim 4 wherein determining total aggregate quote size for quotes received for the security, comprises:

adding, by the server computer system, liked-priced quotes of the displayable and additional aggregate quote type together to provide a total aggregate quote.

7. (Currently Amended) The method of claim 5 further comprising;

causing displaying on displays of client systems, to render the attributable quotes as individual lines in a current quote window with market participant identifiers adjacent the quotes to attribute the quotes; and

causing the displays of client systems to render the displayable, non-attributable size of the quotes as single entry for each of the price levels additional aggregate quote in an aggregate window.

8. (Currently Amended) The method of claim 2 further comprising:
determining, by the server computer system, if the additional aggregate quotes and displayable quotes are proprietary or agency quotes;
determining, by the server computer system, a total of all agency quotes and proprietary quotes; and

causing displaying on displays of client systems to render a total of all agency quotes and to render in a separate area of a montage a total of all displayable aggregate quotes[[, which includes]] as the total of agency quotes and proprietary quotes.

9. (Currently Amended) The method of claim 1 further comprising:
determining, by the server computer system, if the quote only has [[is]] a displayable attributable or displayable non-attributable additional aggregate quote size type;
adding, by the server computer system, the size of quote to [[all]] corresponding sizes of other quotes of the marketable and additional aggregate quote types at corresponding price levels of the quote to provide a total aggregate quote size at the price levels;

causing displaying on displays of client systems to render in a first portion of a quote montage, the quote, if the quote is displayable, and attributable, and in a different portion of the montage a the total aggregate displayable quote size.

10. (Previously Presented) The method of claim 1 further comprising;
receiving, by the server computer system, a reserve quote.

11. (Currently Amended) The method of claim 2 [[3]] further comprising:
receiving, by the server computer system, an order produced when a user selects in the
user interface one of the received quotes with the first size value; and
executing, by the server computer system, the order against a quote~~[[,]]~~ stored in the
server computer system with the order executed against the quote.

12. (Currently Amended) The method of claim ~~[[11]]~~ 5 wherein executing further
comprises:
receiving, by the server computer system, an order produced when a user selects in one of
the user interfaces one of the separate entries at one of the price levels; and
executing, by the server computer system, the order against additional aggregate quotes
corresponding to the one of the separate entries in the user interface ~~and reserve quotes against~~
~~any balance of the order.~~

13. (Currently Amended) An electronic market for trading of securities, the market
comprising:
a plurality of client systems for entering quotes the quotes including fields to indicate
whether the quote is to bid or offer a security, a first size value that indicates a displayable,
attributable size amount of the quote and a second size value ~~for securities specifying a price~~
~~level and a quote size~~, with the first size values of quotes being quotes that are displayable and
attributable to a specific market participant, and the second size values being ~~or additional~~
~~aggregate~~ quotes that are displayable but not attributable to a specific market participant; and
a server computer system configured to: that
receive~~[[s]]~~ the quotes from the client systems,
aggregates calculate a size of first quote sizes of the received quotes; and

cause[[s]] totals of the first and second size values of the aggregate quotes to be displayed on the client system as values in corresponding ones of [[for]] a plurality of price levels to be displayed on displays in data communication with the client systems; and

cause quotes having a first size value to be displayed on displays of the client systems as individual quotes with the first size value for each quote with a market participant identifier on the client systems.

14. (Currently Amended) The electronic market of claim 13 wherein at client systems quotes further comprise ~~can be entered at a price level a~~ reserve quote size that are reserve quotes that are neither displayable nor attributable to a specific market participant.

15. (Currently Amended) The electronic market of claim 13 wherein the ~~aggregated quotes are displayed on the displays in a graphical user interface that includes an aggregate~~ montage for displaying ~~aggregate~~ the second size values of quotes at multiple price levels on either side of the market.

16. (Currently Amended) The electronic market of claim 13 wherein the totals of the first and second size values for aggregated quotes are displayed on the displays in a graphical user interface comprising fields for proprietary ~~that contain total aggregated~~ interest and agency interest according to the type of quote.

17. (Currently Amended) The electronic market of claim 13 wherein the server causes ~~quotes attributable to a specific market participant and are displayed on the displays to render~~ [[in]] a graphical user interface that includes a current quote montage~~[[.]]~~ disposed adjacent to ~~[[the aggregate]]~~ a montage to display second size values ~~quote montage.~~

18. (Currently Amended) A client system for entering quotes for securities, the client station comprising:

a display rendering a graphical user interface at which quotes can be entered at a price level, said graphical user interface comprising fields ~~controls~~ to enter a quote having a first size value that indicates a displayable, attributable size amount of ~~[[,]]~~ the quote ~~[[being]]~~ displayable and attributable to a specific market participant, ~~a reserve quote, having a size, the reserve quote being neither displayable nor attributable to a specific market participant,~~ and a second field for entering a second size value that indicates an additional aggregate quote~~[[, having a]]~~ size that is displayable but not attributable to a specific market participant.

19. (Currently Amended) The system of claim 18 wherein the graphical user interface comprises a third field for entering a third size value that indicates a reserve quote being neither displayable nor attributable to a specific market participant ~~is an aggregation montage and, the interface further includes a current quote montage for displaying attributable quotes.~~

20. (Currently Amended) A computer program product for rendering a graphical user interface for an electronic market for trading products, the computer program product tangible embodied on a computer readable storage medium, comprising instructions for causing a processor to ~~graphical user interface comprising:~~

~~an aggregation~~ render the graphical user interface having a first portion window that displays size values of additional ~~aggregate~~ quotes for a plurality of price levels of a product traded in the market, the additional aggregate quotes including size values of quotes that are attributable to market participants and size values of quotes that are displayable quotes but are not attributable to any market participants.

21. (Currently Amended) The computer program product ~~graphical user interface of~~ claim 20 further comprising instructions to:

render a current quote window portion disposed adjacent the first portion of the graphical user interface ~~aggregation window.~~

22. (Currently Amended) The computer program product of claim 21 wherein computer program product further comprises instructions to: ~~graphical user interface of claim 20 further comprising:~~

~~a current quote window disposed adjacent the aggregation window and wherein said~~
cause the current quote window to displays current ~~displayable quotes of participants in the~~
~~system.~~

23. (Currently Amended) The computer program product of claim 21 further comprising instructions to:

~~render the graphical user interface of claim 20 further comprising: with the [[a]] current~~
quote window listing the displayable, attributable quotes ordered according to price as a list of
bid quotes and a separate list of offer quotes disposed adjacent the first portion of the graphical
user interface aggregate window and wherein said current quote window displays current
~~displayable quotes of participants in the electronic market, and further comprises:~~

~~a quote that represents total aggregate quotes at a current market level displayed in the~~
~~aggregation window.~~

24. (Currently Amended) A computer program product[[, residing]] tangibly embodied
on a computer readable [[medium]] storage device, the computer program product for managing
quotes in an electronic market that trades securities, the computer program product comprising
instructions for causing a computer to:

receive quotes for a security [[said]] the quotes having a first size value that is a
displayable, attributable size amount attributable to a particular market participant and a second
size value that is a displayable, non-attributable size amount, [[and]] a price and an indication of
the quote as a bid or ask [[being attributable to a particular market participant]];

~~receive additional aggregate quotes for the security said additional aggregate quotes~~
~~having a size and a price and being non-attributable to any market participant but being~~
~~displayable;~~

~~aggregate~~ add the size values of received quotes at a plurality of price levels according to prices specified by the prices in the quotes to provide total size values; and

generate a user interface to render display total size values representing a total of the number of shares represented by the ~~aggregated~~ received quotes for at least some of the plurality of price levels.

25. (Currently Amended) The computer program product of claim 24 wherein instructions to receive quotes further comprises instructions to:

cause the graphical user interface to render [[display]] the attributable quotes with an market participant identifier attribute ~~in a current quote montage.~~

26. (Currently Amended) The computer program product of claim 24 wherein instructions to receive quotes further comprises instructions to:

receive quotes that are reserve quotes;

the computer program product further comprising instructions to:

make the reserve quotes available for trading in the security, but neither display the reserve quotes nor attribute the reserve quotes to market participants.

27. (Currently Amended) The computer program product of claim 24 ~~wherein instructions to aggregate quotes~~ further comprises instructions to:

~~determine a~~ cause the graphical user interface to render the total [[aggregate quote]] size values for a plurality of price levels as separate entries for each of bid and ask quotes of the additional aggregate quotes and the quotes that are displayable as received from market participants for the security.

28 (Currently Amended) The computer program product of claim 24 ~~wherein instructions to receive quotes~~ further comprises instructions to:

~~determine the total aggregate quote sizes by adding received quotes and aggregate quotes received for the security at corresponding price levels to provide the total aggregate quote sizes at the price levels; and~~

~~display~~ cause the graphical user interface to render displayable quotes with attribution to a particular market participant for bid and ask quotes on separate portions of the graphical user interface.

29. (Currently Amended) The computer program product of claim 24 wherein instructions to ~~add receive quotes~~ further comprises instructions to:

~~determine if the quote is~~ determine if the quote is subject to automatic execution prior to adding size values of the quote; and

~~cause the instructions to add to include only size values of quotes that are subject to automatic execution as displayable or additional aggregate quote type; add liked priced quotes of the displayable and additional aggregate quote type together to provide a total aggregate quote; and~~

~~display the displayable quote in a current quote window and additional aggregate quote in an aggregate window.~~

30. (Currently Amended) The computer program product of claim 24 wherein instructions to receive quotes further comprises instructions to:

~~determine if the quotes are proprietary or agency quotes;~~

~~determine a total size of all~~ displayable agency quotes and proprietary quotes ; and

~~cause the graphical user interface to render display~~ the total size of all displayable agency quotes in a separate set of fields in the graphical user interface; and

~~cause the total size values of the received quotes to include the total size values of all aggregate quotes, which includes the total agency quotes and proprietary quotes.~~

31. (Currently Amended) The computer program product of claim 24 wherein instructions to receive quotes further comprises instructions to:

receive additional quotes;

determine if the received additional quote has either a first size value or a second size value is a displayable or additional aggregate quote type;

determine a price level for the quote; and

add the size values for the additional received quotes to the first and second size values all other quotes of the marketable and additional aggregate quote types at the determined price level to provide a total aggregate quote size at the determined price levels to provide updated total size values; and

display the displayable quote; and

cause the graphical user interface to render display in the updated total aggregate quote size values.

Claim 32 is canceled.

33. (Currently Amended) The computer program product of claim 24 ~~32~~ further comprising instructions to:

receive an order; and

execute the order against a quote that is a currently marketable quote in a execution priority that is executed against the first quote size that represents attributable size, and for a balance remaining, against the second quote size that represents displayable non-attributable size amount.

34. (Currently Amended) The computer program product of claim 33 further comprising instructions to:

receive the quote having a third size value that indicates the third size value of the quote that is a reserve size value;

determine if there is a balance to the order; and if so,
execute the balance of the order against additional aggregate quotes and reserve size
value of the quotes against the balance of the order.

35. (Currently Amended) A computer program product for producing a graphical user
interface for an electronic market for trading financial security products the computer program
product tangibly stored on a computer readable storage device and the computer program
product comprising instruction for causing a computer to comprises:

~~a user interface window~~ rendered on a display device, ~~the user interface~~ including a first
plurality of indicators that displays as a numeric quantity total size values of aggregated,
attributable and non-attributable quotes interest of market participants at each of a plurality of
price levels determined by prices in the quotes, the quotes for [[of]] a financial security product
[[traded in the market,]] and a second, separate set of indicators that displays totals of the
[[aggregated]] attributable and non-attributable interest that represents agency interest at each of
the price levels.

36. (Currently Amended) The computer program product of claim 35 further comprising
instructions to generate graphical user interface of claim 35 wherein the first and second set of
indicators [[are]] as controls[[, the controls]], which when selected by a user can cause an
execution against the [[aggregated]] a quote that is next to execute and whose size value is
represented as either the attributable [[and]] or the non-attributable size values rendered [[interest
displayed]] in the control.

37. (Currently Amended) The computer program product of claim 35 further comprising
instructions to generate graphical user interface of claim 35 further comprising a quote montage
window adjacent the first plurality of indicators aggregate window, the quote montage to display
quotes/orders that are attributable quotes to participants in the system.

38. (Currently Amended) The computer program product graphical user interface of claim 35 wherein the indicators are for three price levels for each side of the market, with a first one of the indicators ~~[[one]]~~ being at the price levels corresponding to the inside quotes and the others being ~~the~~ next best price levels in the system.

39. (Currently Amended) The computer program product graphical user interface of claim 35 wherein the indicators display quantities of quotes in the market ~~[[art]]~~ at the price levels and the values of the size values ~~quantities~~ in the indicators are dynamically updated.

40. (Currently Amended) The computer program product of claim 35 further comprising instructions to generate graphical user interface of claim 35 further comprising a quote montage window adjacent the user interface window that includes the first plurality of indicators, the quote montage to display attributable quotes by market participant identifier.

41. (Currently Amended) The computer program product of claim 35 further comprising instructions to generate graphical user interface of claim 36 further comprising a quote montage window adjacent the user interface window that includes the controls, the quote montage to display attributable quotes, with the attributable quotes including a market participant identifier, a price, and a size.